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Search Results -

Terms	Documents
screen ink printed film carrier	1

Database: US Patents Full-Text Database

Refine Search: screen ink printed film carrier

Search History

DB Name	Query	Hit Count	Set Name
USPT	screen ink printed film carrier	1	L10
DWPI	screen ink printed film carrier	1	L9
DWPI	(curable resin) and (phenolic or polyimide or phenolic epoxy mixture)	284	L8
USPT	(curable resin) and (phenolic or polyimide or phenolic epoxy mixture)	1859	L7
USPT	epoxy or cyanate ester or phenolic	159819	L6
DWPI	epoxy or cyanate ester or phenolic	116120	L5
DWPI	polyester same woven	6698	L4
USPT	polyester same woven	13723	L3
USPT	polyester scrim or nylon scrim	345	L2
DWPI	polyester scrim or nylon scrim	35	L1

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Search Results -

Terms	Documents
l7 and l6 and l3	121

Database: US Patents Full-Text Database

Refine Search: `l7 and l6 and l3`

Search History

DB Name	Query	Hit Count	Set Name
USPT	l7 and l6 and l3	121	L15
DWPI	l7 and l6 and l3	0	L14
DWPI	l8 and l5 and l4	4	L13
DWPI	l8 and l5 and l1	0	L12
USPT	l8 and l5 and l1	0	L11
USPT	screen ink printed film carrier	1	L10
DWPI	screen ink printed film carrier	1	L9
DWPI	(curable resin) and (phenolic or polyimide or phenolic epoxy mixture)	284	L8
USPT	(curable resin) and (phenolic or polyimide or phenolic epoxy mixture)	1859	L7
USPT	epoxy or cyanate ester or phenolic	159819	L6
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Search Results - Record(s) 1 through 1 of 1 returned.

☐ 1. Document ID: US 5890429 A Relevance Rank: 99

Entry 1 of 1 File: USPT Apr 6, 1999

US-PAT-NO: 5890429
DOCUMENT-IDENTIFIER: US 5890429 A

TITLE: Method of making and bonding a screen printed ink film carrier to an electronic device

DATE-ISSUED: April 6, 1999

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Alam; Shahriar	Chandler	AZ	N/A	N/A
Hunter; Thomas A.	Scottsdale	AZ	N/A	N/A
Valle; Michael J.	Mesa	AZ	N/A	N/A

US-CL-CURRENT: 101/129; 156/240, 156/277, 156/307.1

ABSTRACT:

Screen ink printed film carrier having an ink screen printed electrical altering image provided on thin adhesive film carrier that is flexible and capable of deformation out of the major plane of the carrier to conform to the exterior contour presented by flat or complicated three-dimensional objects, upon which the film carrier can be affixed.
5 Claims, 3 Drawing figures
Exemplary Claim Number: 1
Number of Drawing Sheets: 2

Full | Title | Citation | Front | Review | Classification | Date | Reference | Claims | KWIC | Image

Generate Collection

Terms	Documents
screen ink printed film carrier	1

Display 20 Documents including document number 1

Display Format: REV Change Format

Search Results - Record(s) 1 through 4 of 4 returned.

☐ 1. Document ID: JP 59042930 A Relevance Rank: 85

Entry 3 of 4 File: DWPI Mar 9, 1984

DERWENT-ACC-NO: 1984-097675
DERWENT-WEEK: 198416
COPYRIGHT 2000 DERWENT INFORMATION LTD
TITLE: Laminated boards mfr. - from prepreg sheets obtd. by impregnating thermosetting resin into substrate sheets and drying

PRIORITY-DATA:
1982JP-0154103 September 3, 1982

PATENT-FAMILY:

PUB-NO	PUB-DATE	LANGUAGE	PAGES	MAIN-IPC
JP 59042930 A	March 9, 1984	N/A	002	N/A

INT-CL (IPC): B29D 3/02

ABSTRACTED-PUB-NO: JP59042930A
BASIC-ABSTRACT:

Method comprises (a) laminating a number of prepreg sheets prepd. by impregnating thermosetting resin into substrate sheets and drying the resin; (b) coating the peripheral sides and vicinal portions of laminated sheets with a quickly curable resin and drying to form a protective coating; and (c) hot pressing the laminated sheets. The resin is pref. epoxy resin, phenol resin, unsatd. polyester, melamine resin, polyimide, or polybutadiene or modified resin. The substrate sheet is pref. paper or woven or unwoven cloth or mat of cotton, polyamide, PVA, polyester, polyacrylate, glass or asbestos. The quickly curable resin is pref. phenol resin, epoxy resin, unsatd. polyester, melamine resin, polyurethane, polyimide, alkyd resin, silicone resin, furan resin, allyl resin, acrylic resin, nylon or PVA hardened within 60 min. The coating of peripheral sides and vicinal portions between the upper and lower parts of a press with quickly curable resin prevents draining of impregnated resin from the sheets to improve dimensional stability.

Full | Title | Citation | Front | Review | Classification | Date | Reference | Claims | KWIC | Image

☐ 2. Document ID: DE 69218311 E, EP 523421 A1, JP 05021910 A, EP 523421 B1 Relevance Rank: 85

Entry 1 of 4 File: DWPI Apr 24, 1997

Entry 2 of 4 File: DWPI Feb 1, 1990

DERWENT-ACC-NO: 1990-038036
DERWENT-WEEK: 199006
COPYRIGHT 2000 DERWENT INFORMATION LTD
TITLE: Decorative sheet - mfd. by laminating base sheet on one side with resin-impregnated laminate and on the other with wood-resin composite
INVENTOR: IWATA, R; NAGASHIMA, H ; OGATA, T ; OMOTO, K

PRIORITY-DATA:
1988JP-0186469 July 26, 1988

PATENT-FAMILY:

PUB-NO	PUB-DATE	LANGUAGE	PAGES	MAIN-IPC
DE 3923555 A	February 1, 1990	N/A	005	N/A
JP 02175101 A	July 6, 1990	N/A	000	N/A
JP 93047361 B	July 16, 1993	N/A	004	B27D005/00

INT-CL (IPC): A47B 96/20; B27D 5/00; B32B 21/02; B32B 27/04; C04C 2/02

ABSTRACTED-PUB-NO: DE 3923555A
BASIC-ABSTRACT:

Decorative sheet (I) comprises a base sheet with a resin-preimpregnated laminate and a wood-resin composite bonded to opposite sides of it.

(I) is mfd. by producing a flat composite from a mixt. of resin composite paste and wood chips, bonding with using heat and pressure and bonding the laminate obtd. with a base sheet in a reverse arrangement.

Specifically, (1) contains wood chips dispersed in the resin composite paste, a heat cured unsatd. polyester, polyurethane, diallyl phthaloate, epoxy, silicone, phenolic or acrylic resin; paste contains fillers, pref. CaCO3, talcum, TiO2, silica or glass powder (pref. amt. 100-400 pts. wt. filler/100g resin); a pigment of the same shade as (3); (3) are solid rectangular chips 3-7mm x 3-20mm x 0.2-3mm, or cylindrical chips of dia. 5-100mm and 0.2-5 mm thick, or randomly-shaped chips 1-4mm x 2-20 mm x 0.2-3 mm; (3) are dimensionally stabilised and treated with antiseptic before dispersing in (2); wt. ratio (3):(2) is such that the exposed surface of wood chips is 10-90 % of the total surface of (1): (1) is 1-2mm thick; (1) is bonded with (4) at 130-150 deg.C and 1-3 MPa for 10-60 mins; (4) consists of many prepreg sheets, each produced by impregnating a base plate with a curable resin; prepreg base is glass; polyamide or polyester fibre or a non-woven galss paper, acrylic fibre or vinylon fibre material; (4) is 0.3-2mm thick; final bonding is carried out by laying up (7) with (5) and another prepreg sheet, then heating under pressure, pref. at 100-120 deg.C and 0.1MPa for 1-3 mins; (7) is 15-30 mm thick; pref. the process also includes polishing the surface of the laminated sheet and coating it with a layer of transparent synthetic resin.

USE/ADVANTAGE - (I) is useful for the surface decoration of furniture, domestic articles, automobile fittings, etc. and

Full | Title | Citation | Front | Review | Classification | Date | Reference | Claims | KWIC | Image

☐ 4. Document ID: JP 55145308 A, JP 85005205 B Relevance Rank: 78

Entry 4 of 4 File: DWPI Nov 12, 1980

DERWENT-ACC-NO: 1981-02972D
DERWENT-WEEK: 198103
COPYRIGHT 2000 DERWENT INFORMATION LTD
TITLE: Resin-moulded coil with stable electric characteristics - mfd. by winding heat-resistant enamelled wire with nonwoven fabric and impregnatin g with resin in vacuum and heat curing

PRIORITY-DATA:
1979JP-0052070 April 27, 1979

PATENT-FAMILY:

PUB-NO	PUB-DATE	LANGUAGE	PAGES	MAIN-IPC
JP 55145308 A	November 12, 1980	N/A	000	N/A
JP 85005205 B	February 8, 1985	N/A	000	N/A

INT-CL (IPC): H01B 7/02; H01F 5/06; H01F 27/32

ABSTRACTED-PUB-NO: JP55145308A
BASIC-ABSTRACT:

A coil element is mfd. by winding an insulated wire comprising a heat-resisting enamelled wire wound with non-woven fabric having a density of 0.2 to 0.7 g/cc. The coil element is impregnated with heat-resisting resin in vacuum and heated to cure resin.

The heat-resisting enamel is heat-resisting polyester, heat-resisting epoxy, polyester imide, polyamide imide, polyimide, or polyhydantoin. The non-woven fabric consists of polyester or aromatic polyamide. The heat-resisting resin is epoxy or imide resin.

UV-curable putty is coated on both ends of a coil element and cured thereon. The coil element is impregnated with ultraviolet -curable resin contg. no filler in vacuum. The impregnated coil element is irradiated with ultraviolet rays and heated to make a resin-moulded coil.

This resin-moulded coil has stable electrical characteristics for a long period of time.